Paper, Paperboard & Wood Pulp

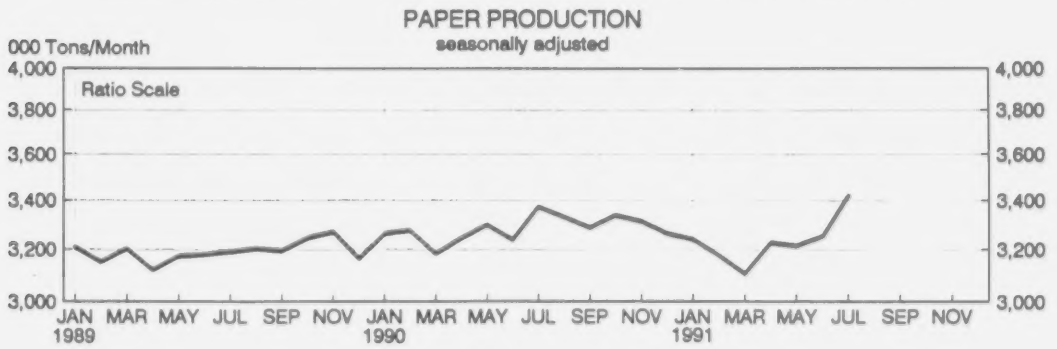
MONTHLY STATISTICAL SUMMARY - Vol.69 No.8 AUGUST 1991

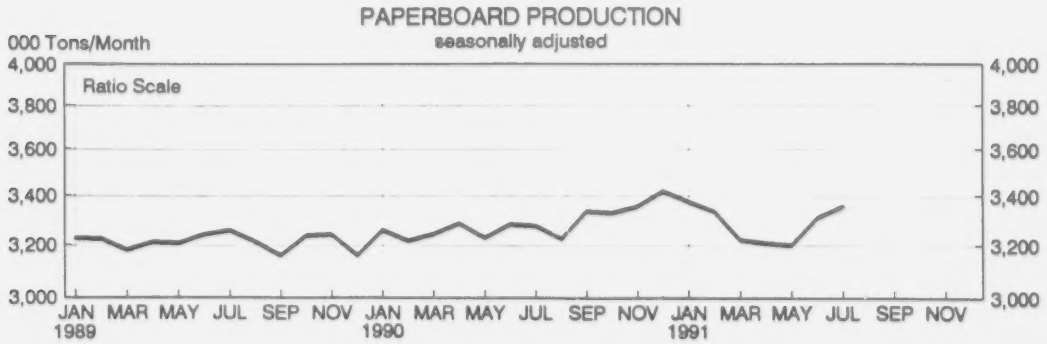
PAPER AND PAPERBOARD PRODUCTION: UPTREND CONTINUES

Paper and paperboard production continued along the rising trend evident in June. The June-July seasonally adjusted rate exceeded 80 million tons per year, with gains evident in both the paper and paperboard totals.

Preliminary data indicate that total paper and paperboard production held close to its July high in August; the July-August annual rate may have moved above 81 million tons, setting a new high. The seasonally-adjusted rate of paper production appears to have receded slightly from its July spike in August, but paperboard production probably showed further gains.

Among the paper grades, the July increases were concentrated in communication papers -- newsprint and printing-writing papers. Kraft linerboard production led the paperboard sector, with the semichemical and solid bleached grades showing only modest growth and recycled paperboard falling from its May-June levels (see Table on page 3). Paperboard production for export remained strong, with the 7-month total 14% ahead of its corresponding 1990 high.





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Paper: Newsprint consumption may be recovering from its second quarter 1991 doldrums, with gains in the seasonally adjusted totals reported in both June and July. The increases in demand were concentrated in the domestic newsprint industry. The January-July production rate of 6.8 million tons was 4.8% over its corresponding 1990 figure. Newsprint imports declined from May to June, with the first half 1991 total 10% below its January-June 1990 level.

The demand for printing-writing papers was also concentrated on the domestic industry. Imports of these grades fell from May to June 1991, bringing the first half total 4.6% below its year-earlier level. While the uncoated groundwood grades did show a small year-to-year increase, the totals for coated papers and the uncoated free sheet grades were each down by more than 10% (see upper table on page 9).

Shipments of printing-writing papers moved sharply above their June level in July, reaching a level second only to the October 1990 peak, while mill inventories declined 6%. Total purchases of these papers also posted a strong increase in July, with the seasonally adjusted rate climbing back to the record-highs established in the second half of 1990.

Most of the strength in the July printing-writing paper shipments total can be traced to gains in uncoated free sheet papers. New orders for these grades, for example, exceeded one million tons in each month since May, bringing the backlog of unfilled orders as of the end of July, 220,000 tons above its April low, while the shipments spurted up by 13% from June to July.

The strength in the uncoated free sheet papers largely reflected gains in bond paper demand: shipments of total bond and writing papers in the first seven months of 1991 were up 6.9% as unwatermarked bond paper gained 7.2% and form bond 1%. Form bond production, which had been lagging in the first half, moved strongly upward in July. Most of the other major printing-writing paper grades, including envelope and offset papers, lagged their respective year-ago totals in this period.

Coated groundwood papers showed only modest growth in July, with its year-to-date total down 3.3% as advertising in magazines remains well below year-ago levels. Shipments of coated free sheet papers rose smartly in July, in response to strong demand by catalog publishers.

Tissue paper production, which had been ahead of its record-high 1990 levels during the first 4 months of 1991, failed to match the year-ago totals in the subsequent 3 months, and the January-July total fell 1% from its year-ago rate.

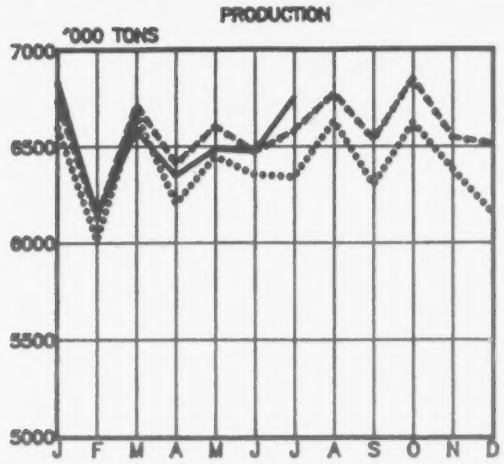
The packaging and industrial converting grades remain weak, with unbleached kraft paper shipments down 2.9% and bleached kraft papers down 15%. Some of the slack in the unbleached kraft paper grades has been taken up by bags made partly from recovered papers,

PAPER AND PAPERBOARD STATISTICS PRODUCTION, SHIPMENTS AND ORDERS (Thousands of Tons)	YEAR		APRIL	MAY	JUNE (R)	JULY (P)	Annual Rate Y-T-D	% Change From Same Period
	1989	1990	1991	1991	1991	1991	1991	Last Year
PAPER								
Newsprint – Production	6,088	6,610	573	574	559	586	6,799	4.6
– Shipments	6,079	6,621	553	574	548	568	6,684	2.6
Printing & Writing: Total Shipments #	21,626	22,371	1,739	1,793	1,777	1,960	21,616	-2.5
Groundwood Paper – Shipments	1,743	1,806	138	140	145	159	1,751	-1.9
– New Orders	1,741	1,868	130	146	178	148	1,828	0.5
– Unshipped Orders	193	179	238	249	274	280	280	56.4
Coated Groundwood – Shipments	4,059	4,233	315	322	343	350	3,988	-3.3
Coated Free Sheet – Shipments	3,157	3,303	244	250	253	290	3,132	-4.4
Total Coated Papers – Shipments	7,215	7,536	558	572	596	640	7,120	-3.8
– New Orders	7,171	7,430	582	601	623	646	7,183	-3.7
– Unshipped Orders	706	722	565	604	598	638	638	-11.6
Unctd Free Sheet – Shipments	11,081	11,503	915	957	922	1,044	11,281	-1.5
– New Orders	11,097	11,479	924	1,002	1,009	1,130	11,349	-2.5
– Unshipped Orders	748	802	511	554	626	731	731	-8.8
Thin Papers – Shipments	262	218	15	16	14	17	194	-15.9
Cotton Fiber Paper – Shipments	161	155	13	13	12	10	147	-8.5
Bleached Bristols – Shipments	1,164	1,152	100	94	89	89	1,125	-2.2
Tissue Paper – Production	5,636	5,802	477	472	474	440	5,679	-1.0
Total Packaging & Other Paper	4,916	4,576	383	358	370	356	4,474	-1.9
Unbl. Kraft Paper – Shipments	2,681	2,377	207	185	195	186	2,337	-2.9
Bl. Kraft Paper – Shipments	468	484	34	33	31	34	409	-15.2
Specialty Pkg. Paper – Production	520	563	49	47	47	48	597	11.1
Special Industrial Paper – Shipments	1,248	1,153	94	93	97	88	1,132	-0.3
TOTAL PAPER PRODUCTION – UNADJUSTED #	38,266	39,359	3,172	3,197	3,180	3,342	38,569	-1.0
TOTAL PAPER PRODUCTION – SEAS ADJ			3,226	3,213	3,252	3,420	38,803	-1.0
PAPERBOARD – PRODUCTION								
Containerboard	26,428	27,388	2,171	2,276	2,262	2,397	27,408	1.3
Cont'bd For Dom Use for Fibre Boxes	23,752	24,432	1,885	2,015	1,954	2,100	23,976	-0.3
Total Linerboard	16,399	16,875	1,280	1,389	1,330	1,468	16,501	0.0
Unbleached Kraft	15,833	16,414	1,212	1,318	1,263	1,393	15,749	-2.0
Solid Bleached	178	139	12	12	12	13	145	7.0
Recycled	388	323	56	59	55	62	607	108.7
Corrugating Medium	7,339	7,549	602	624	621	630	7,454	-1.1
Semichemical	5,554	5,567	447	456	452	466	5,483	-1.1
Recycled	1,785	1,982	155	167	169	164	1,972	-1.0
Container Chip and Filler	14	7	2	2	3	1	21	126.4
Other Containerboard for Dom Use	307	282	25	22	31	24	291	-0.9
Containerboard for Export	2,369	2,674	262	239	277	274	3,141	15.6
Boxboard	12,092	12,035	996	1,004	1,024	1,006	12,136	0.0
Boxboard for Packaging for Dom Use	7,076	6,949	613	600	626	611	7,369	5.6
Folding Boxboard	5,370	5,198	466	455	478	465	5,592	8.3
Solid Bleached	1,980	1,818	166	166	164	174	1,963	5.5
Unbleached Kraft	987	970	93	87	102	102	1,133	21.3
Recycled	2,403	2,410	208	202	212	189	2,495	5.3
Set-up Boxboard for Dom Use	288	290	21	23	25	21	269	-11.7
Milk Carton & Food Service Dom Use	1,419	1,461	125	123	123	126	1,508	0.1
Other Boxboard for Domestic Use	4,152	4,145	295	308	316	306	3,707	-11.9
Boxboard for Export	863	941	89	97	82	89	1,061	11.5
Paperboard Production by Furnish	38,519	39,423	3,167	3,280	3,285	3,403	39,544	0.9
Unbleached Kraft	19,490	20,357	1,595	1,671	1,676	1,798	20,381	1.7
Semichemical	5,691	5,710	462	472	467	481	5,662	-0.7
Solid Bleached Kraft	4,521	4,399	383	393	380	394	4,610	2.8
Recycled	8,817	8,956	727	744	763	729	8,891	-0.9
Paperboard Production for Export	3,232	3,615	350	335	359	363	4,202	14.5
Unbleached Kraft	2,363	2,691	266	245	280	279	3,207	17.4
Semichemical	138	142	15	16	14	15	179	14.3
Bleached Kraft	693	732	66	71	57	62	755	3.0
Recycled	38	49	4	4	7	7	60	29.5
TOTAL PAPERBOARD PRODUCTION – UNADJ	38,519	39,423	3,167	3,280	3,285	3,403	39,544	0.9
TOTAL PAPERBOARD PROD – SEAS ADJ			3,209	3,200	3,309	3,356	39,437	0.9
PAPER AND PAPERBOARD – UNADJ #	76,785	78,782	6,338	6,477	6,466	6,745	78,113	-0.1
PAPER AND PAPERBOARD – SEAS ADJ			6,435	6,413	6,560	6,777	78,239	-0.1

R – Revised P – Preliminary Seas. Adj. – Seasonally Adjusted Unadj – Not Seasonally Adjusted # – 1990 Series Revised

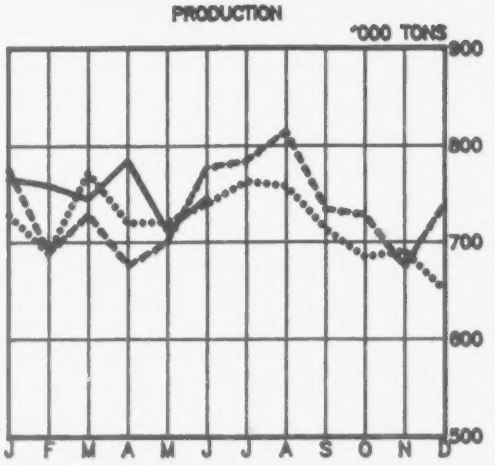
TOTAL PAPER AND PAPERBOARD

PRODUCTION



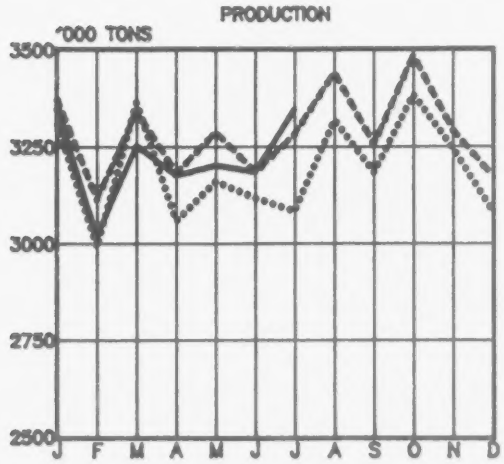
MARKET WOOD PULP

PRODUCTION



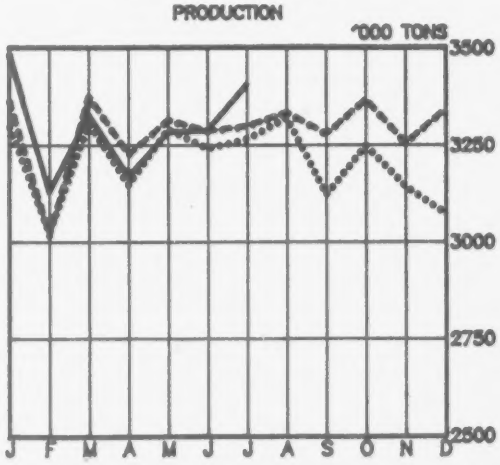
TOTAL PAPER

PRODUCTION



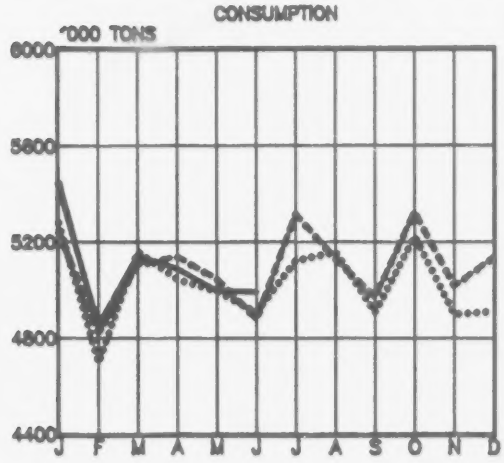
TOTAL PAPERBOARD

PRODUCTION



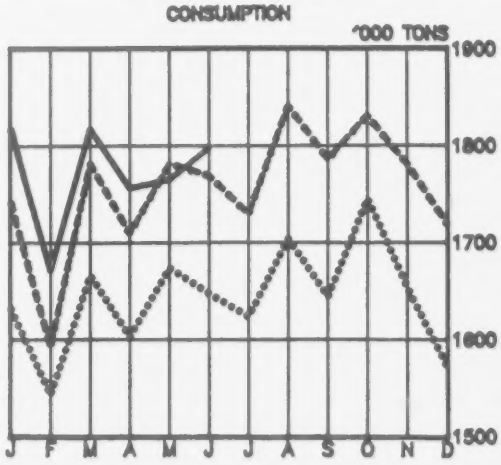
TOTAL WOOD PULP

CONSUMPTION



TOTAL WASTE PAPER

CONSUMPTION



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WOOD PULP STATISTICS (Thousands of Tons)			YEAR 1989	YEAR 1990	MAR 1991	APR 1991	MAY (R) 1991	JUN (P) 1991	Annual Rate Y-T-D 1991	% Change From Same Period Last Year
TOTAL WOOD PULP										
Total Wood Pulp	Production		61,998	63,068	5,319	5,285	5,188	5,197	63,202	1.6
	Imports	A	5,005	4,893	400	415	382	414	4,929	-0.5
	Exports	#	5,766	5,905	600	528	576	573	6,475	9.8
	New Supply		61,237	62,056	5,119	5,172	4,995	5,038	61,656	0.6
Dissolving Pulp	Production		1,425	1,293	124	115	92	124	1,348	3.6
	Imports		284	222	7	18	16	17	172	-23.9
	Exports	#	798	782	70	50	71	84	783	-2.6
	New Supply		912	733	61	83	37	57	737	1.9
Paper Grades	Production		50,181	51,192	4,310	4,270	4,232	4,222	51,324	1.7
Chemical Pulp	Imports	A	4,370	4,326	363	370	330	368	4,409	1.1
	Exports	#	4,913	5,080	524	475	498	482	5,640	11.9
	New Supply		49,639	50,438	4,149	4,164	4,065	4,109	50,093	0.6
Groundwood and	Production		6,029	6,363	547	555	528	520	6,431	4.0
Thermo-Mech	Imports	A	351	345	31	27	35	28	347	-4.8
	Exports	#	55	44	6	3	6	7	52	-3.3
	New Supply		6,324	6,665	571	579	558	541	6,726	3.5
Semi-Chemical	Production		4,363	4,219	338	346	335	331	4,099	-3.8
	Imports									
	Exports									
	New Supply		4,363	4,219	338	346	335	331	4,099	-3.8
MARKET WOOD PULP										
Total Market	Production		8,664	8,798	743	783	710	745	9,003	3.8
Wood Pulp	Imports		3,539	3,215	223	283	235	242	3,037	-7.8
	Exports		5,309	5,561	562	479	490	548	5,982	11.5
	New Supply		6,893	6,451	404	587	455	439	6,057	-8.2
Dissolving Pulp	Production		1,422	1,292	123	115	92	124	1,345	3.5
	Imports		210	170	4	18	16	18	159	-2.4
	Exports		821	782	75	51	78	89	824	3.9
	New Supply		810	679	53	82	30	53	680	1.5
Paper Grades	Production		7,242	7,506	620	669	618	621	7,658	3.9
Chemical Pulp	Imports		3,072	2,813	200	246	200	208	2,662	-7.9
	Exports		4,489	4,779	487	428	413	459	5,158	12.8
	New Supply		5,825	5,540	333	487	405	371	5,162	-9.2
Groundwood Pulp	Production		0	0	0	0	0	0	0	N.M.
and All Other	Imports		258	232	18	19	20	15	216	-10.5
	Exports		0	0	0	0	0	0	0	N.M.
	New Supply		258	232	18	19	20	15	216	-10.5

SOURCES: Total Wood Pulp Production & Market Wood Pulp Production, Imports & Exports - Pulp Division, Pulp, Materials and Technology Group, API. Total Wood Pulp Imports & Exports - Department of Commerce.

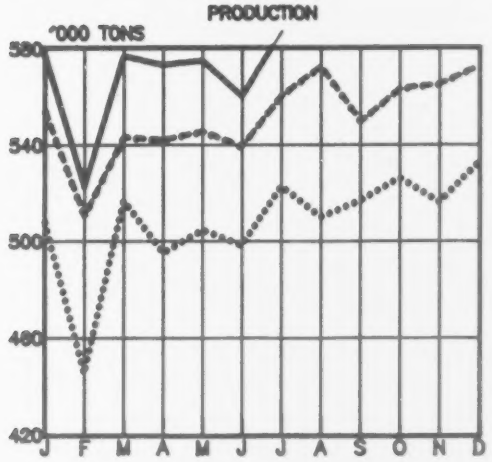
NOTE: A - API shifted import data from January 1989 to December 1988 to compensate for misallocation of reported data. N.M. - Not Meaningful. # - 1989 Exports revised by API.

FIBROUS RAW MATERIALS (Thousands of tons)	YEAR 1989	YEAR 1990	MAR 1991	APR 1991	MAY (R) 1991	JUN (P) 1991	Annual Rate 1991	% Change From Same Period Last Year
CONSUMPTION AT PAPER & PAPERBOARD MILLS								
Total	79,742	82,072	6,949	6,834	6,751	6,777	82,154	1.3
Total Wood Pulp	60,252	61,032	5,133	5,080	4,988	4,982	60,930	0.9
Waste Paper	19,490	21,040	1,816	1,754	1,763	1,795	21,225	2.4
INVENTORIES								
Chemical Paper Grade Market Pulp								
Producers' Own-Use Inventories	193	226	216	198	210	214	214	-0.1
Producers' Market Inventories	342	476	483	521	532	515	515	16.2
Consumers' Purchased Inventories #	519	392	406	394	389	351	351	-27.7
Waste Paper at Paper & Bd. Mills	1,082	909	907	960	1,025	1,002	1,002	-2.4
Days of Supply at Pulp Mills of								
Chemical Paper Grade Mkt Pulp	19	23	23	24	25	25	25	19.0

SOURCES: Wood Pulp Data: Pulp Division, Pulp, Materials and Technology Group, API. Wood Pulp Consumption, 1989: Bureau of the Census.
Waste Paper Data: Paper Recycling Committee, API. # Includes all grades of wood pulp
P - Preliminary; R - Revised; 0 - Indicates zero to five-hundred short tons

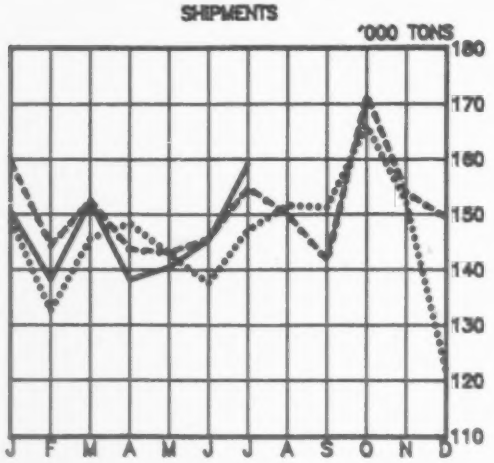
NEWSPRINT

PRODUCTION



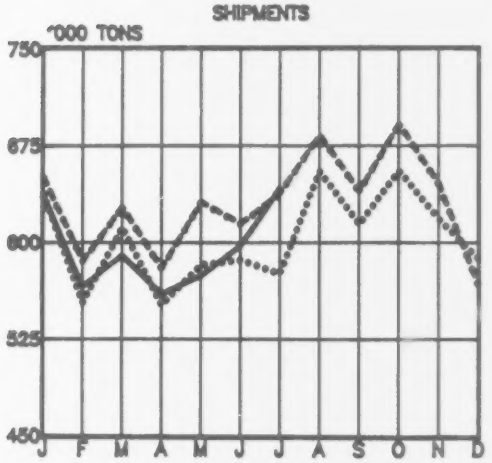
GROUNDWOOD PAPER, UNCOATED

SHIPMENTS



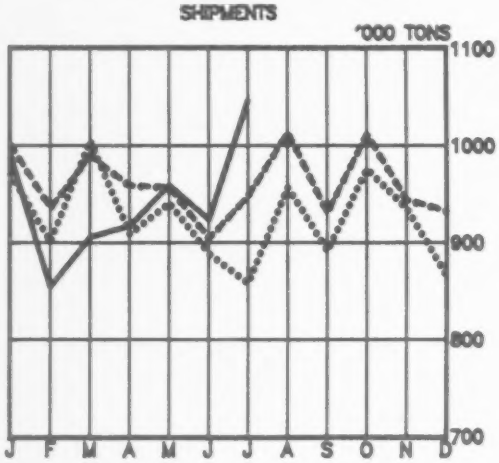
COATED PAPER

SHIPMENTS



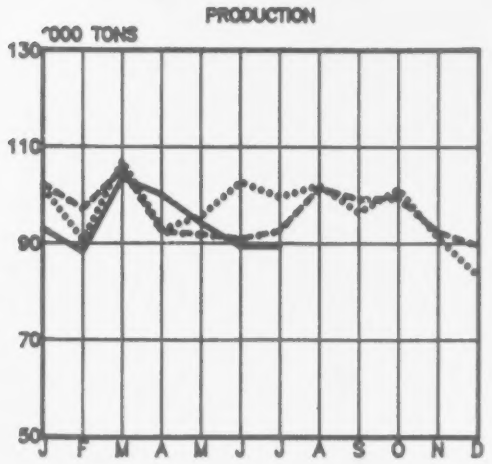
UNCOATED FREE SHEET PAPERS

SHIPMENTS



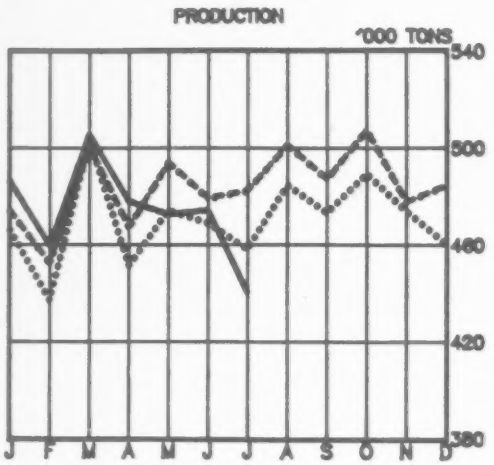
BLEACHED BRISTOLS

PRODUCTION



TISSUE PAPER

PRODUCTION



1989 ••••••• 1990 - - - - 1991 ——

FIBROUS RAW MATERIALS Thousands of Standard (128 Cu. ft.) Cords	YEAR 1989	YEAR 1990	MARCH 1991	APRIL 1991	MAY 1991	JUNE 1991	ANNUAL RATE Y-T-D 1991	% CHANGE FROM SAME PD LAST YEAR
PULPWOOD								
Total U.S. – Total Receipts	99,279	99,304	8,161	8,097	7,934	8,120	98,524	-0.2
– Total Consumption #	98,414	99,109	8,161	8,271	8,108	7,992	98,896	0.1
– Residues *	34,539	35,727	2,856	2,937	2,858	2,823	34,440	-3.4
– Inventories	5,462	5,961	5,670	5,082	4,936	4,880	4,880	-5.6
So. Atlantic – Total Receipts	31,982	32,536	2,518	2,858	2,477	2,536	31,224	-4.9
– Total Consumption	32,239	32,412	2,641	2,697	2,586	2,577	32,056	-1.4
– Residues *	9,961	11,181	858	876	803	835	10,434	-5.7
– Inventories	936	1,334	1,194	1,183	1,117	1,076	1,076	-0.6
Northeast – Total Receipts	7,242	7,264	633	578	533	584	7,354	3.2
– Total Consumption	7,072	7,080	603	582	561	555	6,960	-4.0
– Residues *	1,575	1,505	145	139	129	133	1,664	10.5
– Inventories	522	449	523	485	395	359	359	-5.0
South Central – Total Receipts	35,840	37,246	3,238	3,135	3,140	3,222	38,390	5.8
– Total Consumption	35,791	36,784	3,148	3,109	3,208	3,153	38,256	6.3
– Residues *	10,539	11,516	993	1,019	1,021	978	11,924	4.2
– Inventories	1,336	1,879	1,629	1,432	1,233	1,187	1,187	-0.4
North Central – Total Receipts	7,020	7,074	575	464	548	581	7,250	3.1
– Total Consumption	6,963	7,129	605	642	628	598	7,434	3.8
– Residues *	1,422	1,308	101	105	111	98	1,216	-8.2
– Inventories	938	1,014	1,203	1,029	942	920	920	4.9
West – Total Receipts	17,195	15,184	1,197	1,282	1,236	1,197	14,306	-7.6
– Total Consumption #	16,349	15,704	1,164	1,241	1,125	1,109	14,190	-10.9
– Residues *	11,042	10,217	759	798	794	779	9,202	-10.9
– Inventories	1,730	1,285	1,121	973	1,249	1,338	1,338	-18.3

SOURCE: American Pulpwood Association

* – Consumption of Residues in cords equivalent

– 1990 total revised

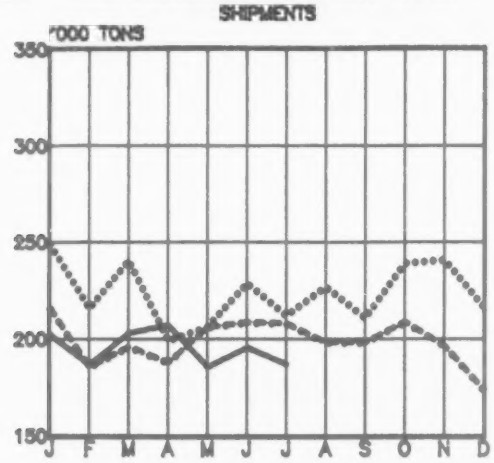
UNITED STATES TRADE WITH CANADA	IMPORTS FROM CANADA YEAR 1990 Tons	YEAR 1990 ($000)	MAY 1991 Tons	MAY 1991 ($000)	JUNE 1991 Tons	JUNE 1991 ($000)	ANNUAL RATE Y-T-D 1991 Tons	% CHANGE FROM SAME PD LAST YEAR
Pulpwood, Roundwood (in cubic meters)	0	0	0	0	0	0	0	0.0
Pulpwood chips	709,197	22,413	58,892	2,409	58,764	2,228	707,873	1.2
Wood Pulp, Total	4,322,418	2,514,301	338,073	151,260	365,418	160,094	4,289,530	-3.8
Waste Fibrous Materials, Total	130,452	31,442	12,409	2,711	10,021	1,919	132,901	-10.1
Paper, Board & Products, Total	11,191,700	6,317,590	885,857	511,668	869,511	505,164	10,800,720	-7.5
Paper, Paperboard, Wet Machine Bd. & Constr. Paper & Bd.	11,047,032	5,988,425	872,969	480,104	856,665	472,241	10,453,873	-7.6
Paper, Paperboard & Products	11,066,239	6,284,416	877,746	509,616	861,288	502,927	10,527,095	-7.2
Paper & Paperboard, Only	10,921,571	5,935,250	865,038	478,062	848,421	470,004	10,380,247	-7.3
Paper, Total	10,385,505	5,723,101	821,236	459,989	798,179	449,165	9,835,529	-8.1
Newsprint	8,118,161	4,162,493	648,248	346,037	603,162	321,148	7,655,961	-9.7
Printing, Writing & Rel. Pap.	1,914,083	1,295,073	147,012	93,639	168,785	108,803	1,874,828	0.3
Pack. & Ind. Conv. Paper	211,903	121,069	17,683	10,886	15,824	9,447	204,628	-3.5
Special Industrial Paper	57,441	56,444	3,463	5,206	3,566	5,376	41,582	-34.3
Tissue Paper	83,917	76,023	4,831	4,241	4,842	4,390	58,530	-21.8
Paperboard, Total	536,067	212,149	43,803	18,064	52,243	20,839	544,718	10.2
Convtd Paper&Paperbd Products	144,668	349,166	12,706	31,564	12,846	32,923	146,848	-4.8
Wet Machine Board	884	757	48	44	27	26	646	-32.7
Construction Paper & Board	124,576	32,418	7,872	2,008	8,217	2,211	72,980	-35.8

EXPORTS TO CANADA								
Pulpwood, Roundwood (in cubic meters)	1,038,727	36,801	82,340	2,343	146,497	4,856	1,892,796	304.2
Pulpwood chips	193,841	9,066	23,374	1,115	28,094	1,321	261,777	36.1
Wood Pulp, Total	328,456	165,508	19,255	9,362	22,189	11,302	278,373	-25.6
Cotton Pulp & Other Pulp	4,373	4,284	275	256	389	324	4,727	6.1
Waste Paper	653,204	116,346	48,852	9,001	47,470	8,213	583,370	-8.8
Paper, Board & Products, Total	1,194,633	1,317,384	118,632	127,100	120,951	127,931	1,383,948	15.9
Paper, Paperboard, Wet Machine Bd. & Constr. Paper & Bd.	893,102	820,279	88,853	80,226	89,330	79,670	1,039,816	15.8
Paper, Paperboard & Products	1,192,443	1,315,696	117,231	126,263	120,064	127,348	1,377,608	15.6
Paper & Paperboard, Only	890,912	818,590	87,452	79,389	88,443	79,086	1,033,475	15.3
Paper, Total	521,586	595,952	52,557	58,261	53,296	57,586	643,018	24.7
Newsprint	20,813	11,389	4,169	2,495	3,079	1,758	31,069	63.5
Printing, Writing & Rel. Pap.	372,852	424,207	36,896	41,320	37,051	39,943	451,986	20.2
Pack. & Ind. Conv. Paper	52,367	36,780	5,187	3,794	4,975	3,770	62,428	28.6
Special Industrial Paper	59,301	106,279	4,281	8,271	5,522	9,501	61,758	4.8
Tissue Paper	16,253	17,297	2,025	2,382	2,670	2,614	35,778	173.7
Paperboard, Total	369,326	222,638	34,895	21,127	35,147	21,500	390,457	2.7
Convtd Paper&Paperbd Products	301,531	497,106	29,780	46,874	31,621	48,281	344,133	16.4
Wet Machine Board	0	0	0	0	0	0	0	N.M.
Construction Paper & Board	2,190	1,689	1,401	837	887	584	6,340	191.8

SOURCE: Bureau of Census, Department of Commerce

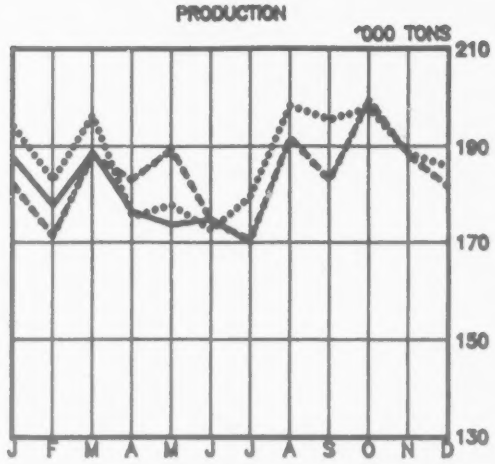
UNBLEACHED KRAFT PACKAGING AND INDUSTRIAL CONVERTING PAPER

SHIPMENTS



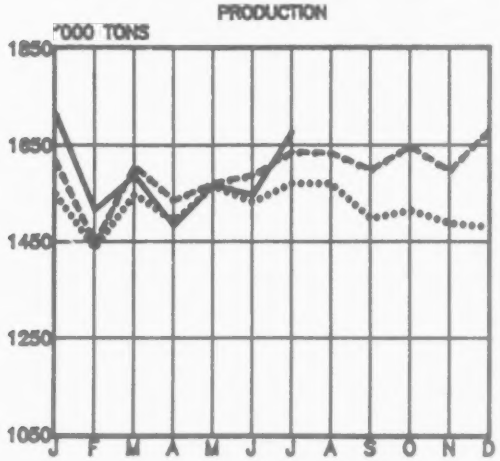
OTHER PAPER

PRODUCTION



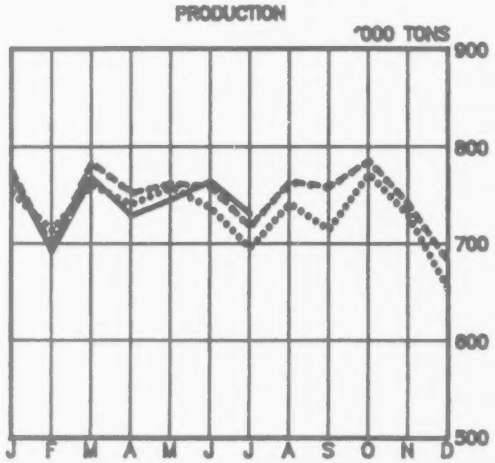
UNBLEACHED KRAFT LINERBOARD

PRODUCTION



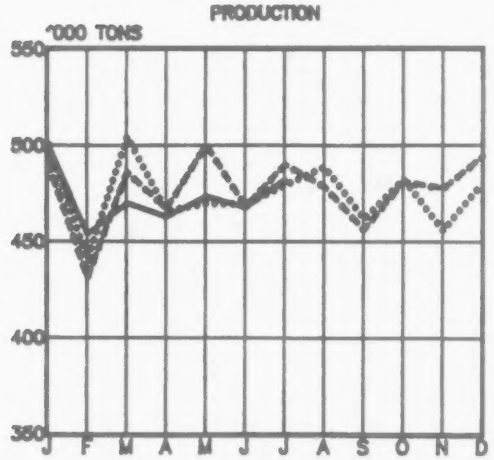
RECYCLED PAPERBOARD

PRODUCTION



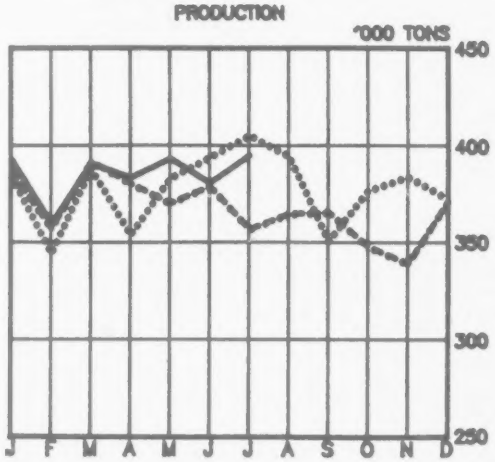
SEMICHEMICAL PAPERBOARD

PRODUCTION



SOLID BLEACHED PAPERBOARD

PRODUCTION



1989 ••••••• 1990 -•-•-•-1991 ———

PULP, PAPER AND PAPERBOARD IMPORTS	YEAR 1990		MAY 1991		JUNE 1991		Annual Rate YTD 1991 Tons (1)	% Change from same Period Last Year
	Tons	$000	Tons	$000	Tons	$000		
Pulpwood Roundwood (cubic meters)	0	0	0	0	0	0	0	0.0
Pulpwood Chips	710,415	22,550	59,692	2,409	58,764	2,228	708,428	1.1
Total All Imports	18,177,409	11,292,256	1,412,343	839,896	1,400,845	826,990	17,304,020	-6.5
Wood Pulp Total	4,823,356	2,831,327	382,061	171,492	413,610	181,746	4,928,510	-0.5
Waste Paper	122,539	26,349	12,317	2,623	10,027	1,905	135,210	-1.4
Other Fibrous Materials	14,037	9,286	799	665	809	850	8,437	-42.4
Paper Board & Products Total	13,147,479	8,425,293	1,017,166	665,115	976,400	642,490	12,231,863	-8.7
Paper Paperboard Wet Machine Bd. & Construction Paper & Board	12,728,760	7,425,583	985,546	582,884	944,884	557,153	11,840,724	-8.8
Paper Ppbd & Prds ex Cnst&WMB	13,006,238	8,382,641	1,008,124	662,175	967,216	639,528	12,148,065	-8.5
Paper & Paperboard Only	12,587,519	7,382,931	976,504	579,944	935,701	554,191	11,756,925	-8.5
Paper Total	11,961,306	7,077,036	926,891	555,768	876,350	526,688	11,135,125	-9.2
Newsprint	8,299,557	4,247,131	654,716	349,042	611,709	325,027	7,786,074	-10.4
Printing & Writing	3,104,863	2,248,424	236,011	164,387	228,937	161,101	2,883,874	-4.6
Uncoated Groundwood	1,337,581	843,550	105,606	65,811	101,811	64,809	1,326,235	1.6
Coated Print.& Impreg. Pap.	936,046	749,082	78,664	60,354	65,615	52,286	844,607	-10.7
Uncoated Free Sheet	752,448	564,479	44,757	30,071	53,102	34,424	821,735	-10.6
Thin (except Cigarette)	11,365	14,296	1,356	1,679	731	918	14,408	31.5
Bristols	67,424	77,017	5,628	6,471	7,479	8,664	76,689	18.8
Total Pkg & Other Paper	425,897	462,237	30,777	37,569	30,072	35,493	383,712	-11.2
Unbleached Kraft Paper	235,352	116,655	16,789	8,748	16,449	8,084	218,595	-6.8
Other Pkg. & Indust. Paper	190,345	345,582	13,987	28,821	13,623	27,409	165,118	-16.4
Tissue	131,189	119,244	5,388	4,769	5,631	5,067	81,464	-29.7
Paperboard, Total	626,213	305,895	49,613	24,176	59,351	27,503	621,800	5.0
Test or Containerboard	113,829	48,929	9,080	3,786	11,276	4,234	97,974	-24.9
Semi-Chemical Corrugating	111,935	31,152	5,561	1,368	6,197	1,435	88,080	-39.1
Other Paperboard	400,449	227,180	34,972	19,023	41,878	21,833	455,746	30.2
Convtd Paper&Paperbd Products	418,719	999,710	31,620	82,232	31,516	85,337	391,140	-8.0
Paper Products, Total	313,106	807,967	23,363	67,069	23,667	69,088	294,018	-8.6
Paperboard Products, Total	105,613	191,744	8,257	15,162	7,849	16,249	97,122	-6.1
Wet machine Board	1,132	991	57	56	45	48	861	-30.9
Construction Paper & Board E	140,110	41,661	8,985	2,894	9,139	2,914	82,938	-34.6
Notes								
Other: No Weight Avail. ($000)		136,809		10,927		12,727	119,631	-0.1
Total Imports Incl. Other($000)		11,429,064		850,823		839,717	10,519,153	-9.2

PULP, PAPER AND PAPERBOARD EXPORTS	YEAR 1990		MAY 1991		JUNE 1991		Annual Rate YTD 1991 Tons (1)	% Change from same Period Last Year
	Tons	$000	Tons	$000	Tons	$000		
Pulpwood, Roundwood (cubic meters)	1,122,468	39,971	84,153	2,429	151,352	4,924	1,928,022	237.6
Pulpwood Chips	4,637,669	412,018	461,039	41,832	406,452	35,599	5,100,248	17.8
Total All Exports	19,342,224	9,075,342	1,878,931	853,882	1,829,994	846,959	21,624,113	12.2
Wood Pulp,Total	5,905,339	3,155,671	575,527	288,710	572,546	282,907	6,474,765	9.8
Cotton Pulp and Other Pulp	135,632	104,808	11,288	8,242	8,464	6,245	104,881	-23.8
Waste and Old Paper	6,504,985	779,687	592,317	72,586	515,923	69,937	6,770,640	5.7
Paper, Board & Products,Total	6,796,388	5,035,177	699,801	506,344	735,062	517,871	8,274,027	21.0
Paper,Paperboard,Wet Machine Bd. & Construction Paper & Board	5,748,620	3,449,743	591,826	343,806	625,448	353,618	6,994,577	20.5
Paper, Ppbd & Prod ex Cnst&WMB	6,786,518	5,028,683	697,780	504,812	733,006	516,544	8,251,852	20.9
Paper & Paperboard, Only	5,738,750	3,443,249	589,806	342,275	623,392	352,292	6,972,203	20.3
Paper, Total	1,519,052	1,455,104	166,875	147,981	184,206	151,210	1,942,106	29.3
Newsprint	535,993	293,182	54,246	28,071	64,594	33,143	645,670	25.0
Printing & Writing	664,824	717,700	84,284	79,658	85,354	77,694	903,003	33.4
Uncoated Groundwood	75,299	53,574	12,179	8,256	15,228	9,615	128,167	70.6
Clay Coated Paper	218,684	215,289	24,821	22,466	22,575	19,858	256,258	18.4
Uncoated Free Sheet	232,369	306,127	30,688	34,836	28,432	33,747	340,487	44.7
Other Printing & Writing	138,472	132,709	16,596	14,100	19,119	14,474	178,090	18.8
Total Pkg. & Other Paper	283,584	403,949	25,921	35,122	29,547	35,404	333,795	20.8
Unbleached Kraft	112,828	80,480	10,774	5,792	12,292	8,261	136,255	20.5
Other Pkg. & Indust. Paper	170,756	343,469	15,147	29,330	17,255	29,143	197,539	20.9
Tissue	34,851	40,273	4,423	5,111	4,712	4,969	59,641	88.1
Paperboard, Total	4,219,698	1,968,144	420,931	194,313	439,186	201,082	5,030,094	17.2
Solid Wood Pulp	3,993,101	1,867,502	403,314	183,599	420,270	188,446	4,807,957	19.0
Total Linerboard	2,924,140	1,076,705	288,063	102,576	298,867	104,123	3,475,175	16.9
Bleached Kraft Linerboard	335,444	150,819	27,968	12,371	28,445	12,[illegible]	370,937	31.2
Unbleached Kraft Linerbd	2,588,697	925,886	260,095	90,205	270,423	[illegible]	3,095,238	15.4
Other Unbleached Kraft	253,945	144,169	33,209	17,788	35,607	20,169	404,784	47.9
Other Bleached Kraft	764,550	628,859	74,239	50,804	78,005	61,758	851,166	12.9
Semi-Chemical Corrugating	50,466	17,769	7,803	2,433	7,791	2,396	76,833	89.5
Recycled Paperboard	226,598	120,643	17,617	10,714	18,916	12,636	222,137	-12.3
Convtd Paper&Paperbd Products	1,047,788	1,585,435	107,974	162,538	109,614	164,252	1,279,449	23.9
Paper Products, Total	440,793	1,012,642	42,991	110,027	52,712	112,195	577,911	38.8
Paperboard Products, Total	606,975	572,793	57,983	52,510	56,901	52,057	701,538	13.8
Wet Machine Board	487	232	13	5	52	20	372	-49.3
Construction Paper & Board E	9,384	5,262	2,007	1,527	2,004	1,307	22,003	160.6
Notes								
Other: No Weight Avail. ($000)		49,964		5,915		5,441	80,987	35.3
Total Exports Incl. Other($000)		9,125,306		859,797		852,400	9,987,819	8.0

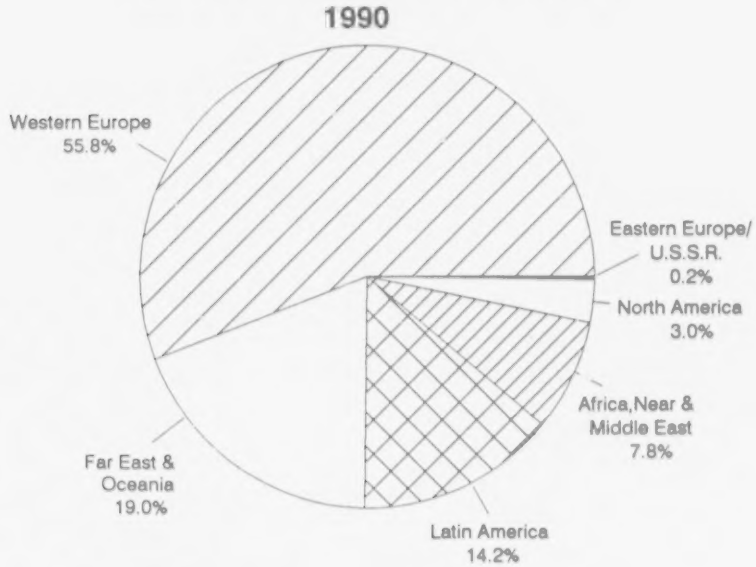
SOURCE: Bureau of Census, U.S. Department of Commerce. E – Incl. estim. of tonnage based on square foot data.

(1) Annual Rate Year-To-Date is in tons unless otherwise specified in item description.

PRODUCER PRICE INDEXES 1982 = 100	YEAR 1989	YEAR 1990	APR 1991	MAY 1991	JUNE 1991	JULY 1991	Annual Rate Y-T-D 1991	% Change from same Period Last Year
Pulp, Paper and Products except Building Grades	132.4	132.9	130.7	129.9	129.0	128.8	130.7	-1.8
Pulp Paper & Products, ex. Building Grades & ex. Waste Paper *	132.0	132.8	130.7	129.9	129.1	129.1	130.8	-1.6
Total Wood Pulp	157.4	151.2	125.7	122.5	118.1	117.2	125.1	-19.7
Total Paper	129.6	128.8	127.8	127.1	125.9	125.8	128.2	0.1
Writing Paper, exc. Newsprint	130.5	129.1	128.1	124.8	125.9	125.8	127.6	-0.6
Newsprint	122.5	119.6	121.7	122.1	119.7	119.0	123.4	4.9
Total Paperboard	140.1	135.7	128.3	127.0	126.7	127.4	129.1	-6.0
Total Paper and Paperboard *	132.9	131.0	128.0	127.1	126.2	126.3	128.5	-1.9
Converted Products	131.7	135.1	135.6	135.2	134.9	134.7	135.6	0.5
Waste Paper	157.1	138.9	133.4	128.8	121.0	113.2	128.2	-10.9
All Commodities	113.2	116.3	116.0	116.5	116.3	116.0	116.7	2.0
Industrial Commodities	111.6	115.8	115.5	116.1	116.0	116.0	116.5	2.7

SOURCE: Producer Price Indexes: Bureau of Labor Statistics, U.S. Department of Labor * Computed by API

DISTRIBUTION OF KRAFT LINERBOARD EXPORTS FROM TEN MAJOR SUPPLYING NATIONS



Ten Nation Total: 5,193,882 Metric Tons

* Includes People's Republic of China

with total usage of all unbleached kraft and similar papers off by only 0.9%.

Paperboard: Spurred by a resurgence in shipments of fibre boxes, production of containerboard for domestic use rose 7% from June to July 1991, bringing the year-to-date total within 0.3% of its 1990 rate. Shipments of fibre boxes, which had generally been below year-ago monthly levels in the first half of 1991, rose 8.7% from June to July 1991 to a 4.8% gain over July 1990. While part of the production increase went into box plant inventories -- mill inventories declined -- total mill and box plant inventories as of July 31, 1991 were at 5.3 weeks of supply, well below the 6+ weeks of supply evident in the early months of the year.

Demand for folding boxboard has been particularly strong in 1991, with production for domestic use up 6% in the first 7 months of 1991. While all the major furnish sectors shared in this growth, unbleached kraft folding boxboard for the domestic market -- supported by the output of a new machine -- gained a spectacular 21%. Production of the milk carton and food service grades remained flat, as gains in plate, dish and tray stock were offset by weakness in demand for cups.

The declines in output of other boxboard for domestic use can be traced to the demand for the non-packaging grades. A lackluster housing market kept gypsum wallboard facings 29% below year-ago levels, while low demand for autos held panelboard production 37% off the 1990 pace.

FIBROUS MATERIALS

Consumption of recovered paper at paper and paperboard mills continues to take a larger and larger share of the total furnish. Data for the first half of 1991 indicate that mills increased their use of waste paper by 2.4% over their first half 1990 rate, compared to a 0.9% increase in use of wood pulp. Although exports of waste paper in June dropped well below their April-May highs, the six-month 1991 total remained 5.7% above its 1990 counterpart. There is, however, some problem with the comparability of the 1990 and 1991 data: the 1990 data were based on the U.S. Census Bureau's count of waste paper leaving the U.S.; starting with January 1991 exports to Canada are based on Statistics Canada reports on imports of waste paper from the United States. So far this year Canada has accounted for 8.6% of total U.S recovered paper exports.

Production of chemical paper grade market pulp strengthened in July, bringing the 7-month total to an annual rate of 7.7 million tons -- 2.8% over corresponding 1990 rate. The June-July 1991 increase, however, went entirely into inventory. With shipments in July 10% below production, inventories increased to 30 days of supply from the 25 days recorded at the end of June.

Shipments to the domestic market, which had once been on a par with exports, continue to lag. The January-July 1991 total was 8% below

its year-ago level, compared to a 12% gain in exports. Major gainers in the export market included Western Europe, which increased 17% and accounted for 43% of total exports; Japan, which increased 20%, accounting for 20% of the total. Shipments to the other Asian/African countries rose 17%, with the combined total comprising 25% of total exports.

WORLD LINERBOARD EXPORT PATTERNS

U.S. exports of kraft linerboard have grown briskly during recent years in response to cyclical factors and improvements in the underlying competitiveness of U.S. producers. Specifically, they surged 9.5% in 1989, 17.0% in 1990, and exceeded their year-ago volume by 16.9% during the first six months of this year.

The U.S. is far and away the world's largest exporter of kraft linerboard. According to the Bureau of the Census, U.S. exports of kraft linerboard reached 2.65 million metric tons in 1990, which was 2.4 times higher than Swedish exports of kraft linerboard, which ranked second, and 7.7 times higher than Canadian exports, which ranked third. According to API's International Department, the U.S. share of kraft linerboard exports from ten major supplying nations rose to 51% in 1990, up from 48% in 1989 and 45% in 1988. The ten supplying nations are listed in the following table.

EXPORTS OF KRAFT LINERBOARD BY MAJOR SUPPLYING COUNTRIES

	Metric Tons		Percentage Change	
	1990	1989	1990/89	1989/88
United States	2,652,775	2,267,738	+ 17.0	+ 9.6
Sweden	1,107,105	1,137,643	- 2.7	- 0.7
Canada	342,972	225,657	+ 52.0	- 22.9
Brazil	308,158	273,498	+ 12.7	- 32.7
Finland	215,126	265,614	- 19.0	+ 0.8
Portugal	170,401	160,669	+ 6.0	+ 34.3
France	162,657	150,551	+ 8.0	+ 20.2
Austria	114,326	110,881	+ 3.1	- 2.7
Norway	84,666	66,225	+ 27.1	+ 22.6
Spain	35,696	32,057	+ 11.4	- 3.5
TOTAL	**5,193,882**	**4,690,553**	**+ 10.7**	**+ 1.4**

The ten nations listed in the above table supplied 2.9 million metric tons of kraft linerboard to Western Europe in 1990, accounting for 56% of their total kraft linerboard exports. The Nordic nations accounted some 45% of total kraft linerboard exports to Western Europe last year, while the U.S. share came to 26%. Cross-border shipments within the region (excluding Nordic shipments) represented 15% of total kraft linerboard exports to Western Europe in 1990. Brazil's and Canada's market shares were 8% and 5%, respectively.

The ten supplying nations exported 985,883 metric tons of kraft linerboard to the Far East in 1990, with the U.S. accounting for an overwhelming 84% of that total, followed by Canada with an 11% share and the Nordic nations with a 3% share. The ten nations also exported 1.3 million metric tons of linerboard to the "rest of the world" in 1990, with the U.S. share at 81%. The pie chart (see page 10) shows the relative distribution of kraft linerboard exports from the ten supplying nations by region of destination.

U.S. Exports of Kraft Linerboard

Shipments to the Far East and Oceania, including the People's Republic of China and Japan, accounted for 31% of total U.S. kraft linerboard exports last year, making it the largest importing region. U.S. exports of kraft linerboard to the People's Republic of China declined 14.5% in 1990 to 191,639 metric tons after surging 56% in 1989. China's overall imports of kraft linerboard from the ten major supplying nations were off 12% in 1990. However, a large portion of U.S. kraft linerboard exports to Hong Kong, which jumped 14% last year to 224,340 metric tons, was transshipped to China, suggesting that China's demand for linerboard probably remained approximately stable in 1990.

U.S. kraft linerboard exports to Japan declined 9% last year, to 126,645 metric tons. According to its government, Japan reduced kraft linerboard imports by 15.5% in 1990, which marked the fourth consecutive annual decline.

U.S. exports of kraft linerboard to the newly industrialized economies of the Fast East -- Korea, Taiwan, Hong Kong, Singapore, Thailand and Malaysia -- advanced 7.7% last year, to 399,000 metric tons.

U.S. kraft linerboard exports to Western Europe surged 32% last year, to 762,561 metric tons, following a 4% gain in 1989. Total Western Europe imports of kraft linerboard from the ten supplying nations listed in the table were up 10% last year to 2.9 million metric tons. However, shipments to this region from the Nordic nations declined 1%, with tonnage from Finland down sharply.

For additional information see Exports of Kraft Linerboard and Corrugating Material from Major Supplying Countries to World Markets. Copies of this report have been mailed to API member companies. The cost to non-members is $150.00 (domestic; plus tax for companies resident in New York City or State) and $155.00 (foreign) from the American Paper Institute, International Department, Department IJ, 260 Madison Avenue, New York, N.Y. 10016.

MONTHLY STATISTICAL SUMMARY INSERT
VOL. 69, NO. 8
AUGUST, 1991

PRODUCTION (000 TONS)

	(P) JULY 1991	(R) JUNE 1991	JULY 1990	FIRST 7 MONTHS 1991	FIRST 7 MONTHS 1990	% CHANGE YR TO DATE 1991/1990
PAPER GRADES						
Newsprint	586	559	560	3,966	3,790	4.6
Printing & Writing	1,960	1,777	1,859	12,610	12,937	-2.5
Uncoated Groundwood (s)	159	145	155	1,021	1,041	-1.9
Coated Groundwood (s)	350	343	357	2,327	2,405	-3.3
Coated Free Sheet (s)	290	253	280	1,827	1,911	-4.4
Total Coated Paper (s)	640	596	637	4,153	4,316	-3.8
Uncoated Free Sheet Paper (s)	1,044	922	947	6,580	6,680	-1.5
Thin Paper (s)	17	14	18	113	134	-15.9
Cotton Fiber Paper (s)	10	12	11	86	94	-8.5
Bleached Bristols (s)	89	89	92	656	671	-2.2
Tissue Paper	440	474	482	3,313	3,346	-1.0
Total Pkg & Other Paper	356	370	378	2,610	2,661	-1.9
Unbl. Kraft Paper (s)	186	195	207	1,363	1,404	-2.9
Bl. Kraft Paper (s)	34	31	39	239	281	-15.2
Specialty Pkg. Paper	48	47	45	348	313	11.1
Special Industrial Paper (s)	88	97	87	660	662	-0.3
TOTAL PAPER	3,342	3,180	3,278	22,498	22,734	-1.0
PAPERBOARD GRADES						
Unbleached Kraft Paperboard	1,798	1,676	1,736	11,889	11,686	1.7
Unbleached Kraft Linerboard	1,673	1,542	1,632	11,058	10,969	0.8
Other Unbl. Kraft Paperboard	126	133	104	831	717	16.0
Semichemical Paperboard	481	467	489	3,303	3,327	-0.7
Bleached Paperboard	394	380	356	2,689	2,615	2.8
Recycled Paperboard	729	763	716	5,187	5,234	-0.9
TOTAL PAPERBOARD	3,403	3,285	3,296	23,068	22,861	0.9
TOTAL PAPER AND PAPERBOARD	6,745	6,466	6,575	45,566	45,595	-0.1

	JUNE 1991	MAY 1991	JUNE 1990	FIRST 6 MONTHS 1991	FIRST 6 MONTHS 1990	% CHANGE 1991/1990
Dissolving & Special Alpha	124	92	114	674	651	3.6
Bleached Sulfite)	124	147	136	778	793	-1.9
Unbleached Sulfite)						
Bleached & Semi-Bl. Sulfate	2,306	2,370	2,237	14,077	13,591	3.6
Unbleached Sulfate	1,792	1,716	1,823	10,806	10,856	-0.5
Semichemical	331	335	334	2,049	2,131	-3.8
Groundwood & Thermomechanical	520	528	510	3,215	3,093	4.0
TOTAL PULP DIVISION DATA	5,197	5,188	5,153	31,599	31,114	1.6

(s) - Shipments
P - Preliminary
R - Revised

AMERICAN PAPER INSTITUTE, INC.
260 Madison Avenue
New York, New York 10016

INDUSTRY DATA August 30, 1991	1989	1990	1991	1991 R	1991 P	AN RATE Y-T-D 91	% CH/ SAME PD 90
PAPER AND PAPERBOARD -- Tons (000)			MAY	JUNE	JULY		
Total Production (API): excluding :	76,785	78,782 R	6,477	6,466	6,745	78,113	-0.1
Total Seasonally Adjusted: construction :			6,413	6,560	6,777	78,239	-0.1
Imports (Including Products): and wet :E	12,910	13,006	1,008	967	1,000	12,127	-8.4
Exports (Including Products): machine :E	6,263	6,787	698	733	700	8,273	21.9
Apparent Consumption: grades :	83,432	85,002 R	6,724	6,795	7,077	82,093	-3.1
Paper Production % Tonnage Capacity	93.0	93.2	86.0	88.4	89.2	88.9	-
Paperboard Production % Tonnage Capacity	94.0	94.2	89.0	92.7	91.9	92.2	-
PAPER, PAPERBOARD AND PRODUCTS			APRIL	MAY	JUNE		
Imports:Including Construction and :	13,100	13,147	1,004	1,017	976	12,232	-8.7
Exports: WMB Grades (excl. HPB) :	6,300	6,796	685	700	735	8,274	21.0
MARKET WOOD PULP PRODUCTION - Tons (000)	8,664	8,798	783	710	745	9,002	3.8
TOTAL WOOD PULP PRODUCTION - Tons (000) f	61,998	63,068	5,285	5,188	5,197	63,202	1.6
WOOD PULP IMPORTS - TONS (000)	5,005	4,893	415	382	414	4,929	-0.5
WOOD PULP EXPORTS - TONS (000)	5,766	5,905	528	576	573	6,475	9.8
RAW MATERIALS CONSUMPTION - Tons (000)							
PAPER AND BOARD MILLS: excluding :			APRIL	MAY	JUNE		
Wood Pulp: consumption for :	60,252	61,032	5,080	4,988	4,982	60,930	0.9
Waste Paper: construction & :	19,490	21,040	1,754	1,763	1,795	21,225	2.4
TOTAL: WMB grades :	79,742	82,072	6,834	6,751	6,777	82,154	1.3
PULPWOOD CONSUMPTION Cords (000) Amer. Pulpwd. Assn	98,414	99,109 R	8,271	8,108	7,992	98,896	0.1
EMPLOYMENT (000)			MAY	JUNE	JULY		
Paper and Allied Products.....Total	697.4	699.3	687.0	694.3	692.2	690.2	-1.2
Pulp, Paper and Board Mills.....Total.....A	245.6	245.2	240.6	244.8	244.8	242.5	-1.3
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS ($)			MAY	JUNE	JULY		
Paper and Allied Products	11.96	12.30	12.63	12.66	12.78	12.60	3.3
Pulp, Paper Mills.....A	14.72	15.18	15.52	15.58	15.80	15.48	3.0
Paperboard Mills.....E	14.76	15.25	15.69	15.49	15.61	15.55	3.2
CAPITAL EXPENDITURES, PAPER & ALLIED PRODUCTS			1990 Q4	1991 Q1	1991 Q2		
(Rept. by US Dept. of Com., Ann. Rates, Bill.$)*	15.58	16.53 R	14.06	13.20	11.38	11.93 Y	-27.8
INDEX OF OUTPUT PER MAN-HOUR (1982=100)			MAY	JUNE	JULY		
:IN PULP, PAPER :...Production Workers	125.9	128.8 R	128.7	129.2	132.9	129.9	1.3
:AND BOARD MILLS:...All Employees	126.5	129.3	129.5	130.4	134.1	130.8	1.7
PAPER AND ALLIED PRODUCTS ($Million $)			MAY	JUNE	JULY		
Industry Shipments (Dept. of Commerce)*	130,501	131,080	9,952	10,284	10,288	121,545	-7.0
Pulp, Paper and Paperboard*	57,700	56,356	4,252	4,430	4,355	52,270	-6.5
Inventories (End of Period) - Total Industry*	12,571	12,980	13,576	13,332	13,216	13,216	2.9
Pulp, Paper and Paperboard*	4,980	5,305	5,644	5,560	5,511	5,511	6.3
PAPER AND ALLIED PRODUCTS COMPANIES ($Million $)			1990 Q4	1991 Q1	1991 Q2		
Sales (Corporations Only)	113,573	115,523	28,674	27,384	27,862	109,536	-4.9
Earnings (Corporations Only)	7,047	4,882	614	868	792	3,472	-40.3
Depreciation (Corporations Only)	5,010	5,578	1,481	1,441	1,420	5,764	6.3
Net Worth (Corporations Only)	45,642	45,951	45,951	46,714	46,396	46,714	-2.6
PRICE INDEXES (Bureau of Labor Stats)1982=100			MAY	JUNE	JULY		
Pulp, Paper & Products, ex. Building Grades	132.4	132.9	129.9	129.0	128.8	130.7	-1.8
Wood Pulp	157.4	151.2	122.5	118.1	117.2	125.1	-19.7
Waste Paper	157.1	138.9	128.8	121.0	113.2	128.2	-10.9
Paper	129.6	128.8	127.1	125.9	125.8	128.2	0.1
Paperboard	140.1	135.7	127.0	126.7	127.4	129.1	-6.0
PAPER DEMAND (INDEXED: 1987=100)			MAY	JUNE	JULY		
Total Paper Production *	103.7	106.7	104.4	105.7	111.2	105.1	-1.0
Paper New Supply *	102.4	104.6	99.6	99.9	104.6	100.5	-4.3
Demand Indicators - (Weighted Average) *	107.8	110.1	108.9	109.6	109.8	109.2	-0.8
Production of Nondurable Goods.....*....(21.2%)	106.4	107.8	106.4	107.4	107.8	106.5	-1.0
Disposable Income.....*....(23.9%)	107.2	108.1	107.5	108.1	108.0	107.4	1.5
Total Printing and Publishing.....*....(54.9%)	108.6	111.9	110.5	111.2	111.3	111.0	-0.7
PAPERBOARD DEMAND (INDEXED: 1987=100)			MAY	JUNE	JULY		
Total Paperboard Production *	103.0	105.4	102.6	106.0	107.6	105.3	0.9
Production for Domestic Use	103.2	104.6	100.4	103.3	104.9	102.9	-0.5
Demand Indicators - (Weighted Average) *	107.2	107.9	106.2	107.0	107.5	105.9	-1.8
Production of Consumer Goods.....*....(62.06%)	106.6	107.3	106.5	107.2	107.6	106.0	-1.1
Production of Equipment.....*....(5.75%)	112.3	115.5	112.6	112.4	112.7	112.8	-1.9
Production of Materials.....*....(32.19%)	107.4	107.8	104.6	105.7	106.4	104.5	-3.0
MARKET DATA			APRIL	MAY	JUNE		
Newsprint Consumption by Publishers - Tons (000)	13,493	13,368	1,024	1,052	1,001	12,176	-9.0
Newspaper Pub. and Printing Empl. Total(000)	472	476	463	463	463	465	-2.1
Magazine Advertising Pages (PIB, Inc.)	181,995	175,849 R	15,037	13,148	12,644	153,006	-12.8
Wholesalers Sales and Inventories ($Million $)			APRIL	MAY	JUNE		
Total Paper & Pap. Prdcts.,ex Wallpaper..Sales	50,015	51,454	4,069	3,996	3,905	48,288	-4.0
Inventories (End of Period)	4,132	4,300	3,951	3,954	3,890	3,890	-3.9
FIBRE BOX DATA (Fibre Box Association)			MAY	JUNE	JULY		
Fibre Box Shipments (Million square feet)	313,400	318,102	26,949	25,722	27,845	318,419	-1.1
Container'bd Inventory at Mill & Plant (000 Tons)	2,589	2,765	2,586	2,637	2,706	2,706	2.0
RETAIL TRADE ($Billion $)							
Total Retail Sales *	1,742	1,806	152.7	152.6	153.4	1,817	1.0
Nondurable Goods Stores Sales *	1,089	1,153	98.6	98.4	99.2	1,176	3.3
GENERAL ECONOMIC DATA			MAY	JUNE	JULY		
TOTAL INDUSTRIAL PRODUCTION (INDEX 1987 = 100)*	108.1	109.2	106.4	107.1	107.6	106.3	-2.8
PRODUCER PRICES (ALL COMMODITIES) (INDEX 1982=100)	112.2	116.3	116.5	116.3	116.0	116.7	2.0
CONSUMER PRICES (ALL ITEMS-URBAN CON.) (1982-4=100)	124.0	130.7	135.6	136.0	136.2	136.3	5.0
GROSS NATIONAL PRODUCT - ANNUAL RATE (Billions)			1990 Q4	1991 Q1	1991 Q2		
G.N.P. or Expenditure - Current $	5,201	5,465	5,527	5,558	5,616	5,587	3.3
G.N.P. or Expenditure - 1982 $	4,118	4,157	4,153	4,124	4,123	4,124	-0.7
PAPER AND PAPERBOARD CONSUMPTION - POUNDS PER CAPITA	671	681				653	

f - Wood Pulp Prod exc def., explo & scr. R - Revised E - Last month estimated by API A - Est. by API Y - 1st quarter est. by Dept. of Commerce * Seasonally Adjusted